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05/17/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Donald W. Petersen et al.

Art Unit : 1651

Serial No. : 09/327,761

Examiner : J. Witz

Filed : June 7, 1999

Title : BONE GRAFT SUBSTITUTE COMPOSITION

RECEIVED

MAY 15 2001

Commissioner for Patents

Washington, D.C. 20231

TECH CENTER 1600/2900

RESPONSE

In response to the action mailed February 26, 2001, please amend the application as follows:

In the claims:

Please cancel claim 4.

Please amend claims 2, 3, 8, and 12:

2. (Twice Amended) A bone graft substitute composition comprising:

- B¹
- (a) calcium sulfate;
 - (b) a mixing solution;
 - (c) a cellulose derivative; and
 - (d) demineralized bone matrix.

3. (Amended) The bone graft substitute composition of claim 2, comprising approximately 40% demineralized bone matrix by dry weight.

8. (Amended) A bone graft substitute composition comprising:

- B²
- (a) calcium sulfate;
 - (b) a mixing solution;
 - (c) a cellulose derivative; and
 - (d) a bioactive agent selected from the group consisting of growth factors, bone autograft,

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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